



ICT40315 Certificate IV in Web-Based Technologies

National ID: ICT40315 | State ID: AWE7

About this course

Enter the vast world of website design and development

Most businesses and organisations have an online presence and websites have become an essential part of any organisation looking to reach out to its target audience.

Upon completion of this qualification you'll be able to be involved in both the **design and technical development of a website**, designing and constructing web pages and **creating the look and feel** of the site. With your qualification you could find a career as an in-house designer or work in a design studio.

Our Certificate IV in Website Technologies is the foundation and core development structure that **leads into our Diploma of Web Development**. Essential concepts covered include Front-end and Back-end development. You'll be encouraged to develop the independent thinking and problem solving skills needed for communicating and working with clients in the Diploma course.

Technologies taught include the latest industry standard HTML5, CSS3, PHP, MySQL and JavaScript using a range of development tools.

Gain these skills

- Digital graphics skills through UX (User Experience) and UI (User Interface) design principles
- Using a variety of technologies including HTML5, CSS3, PHP, MySQL and JavaScript
- Testing sites to meet and comply with W3C standards that cover Accessibility and Usability, Findability and SEO development

Is this course right for me?

I have the following attributes:

- Comfortable working to deadlines

- Good communication skills
- An aptitude for design
- Keen to keep up to date with new web technologies and trends

What industry has to say

I have attended the end of year graduations of students from North Metropolitan TAFE for the Cert IV in Programming, Cert IV in Web Based Technologies, Diploma of Software Development and Diploma of Website Development. As part of the experience, I see their end of year projects demonstrated and have the opportunity to question them on what they have built and the extent of their knowledge. Those students are Industry ready. I have attended for at least the past four years, probably longer, and continue to be impressed with what I see. The courses get stronger each year, and the students graduating have a lot to offer.

Michelle Sandford, Chairman of the Australian Computer Society in WA, and Microsoft STEM Advocate.


Details

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online learning, virtual classrooms (live web conferencing with your lecturer and class) and classroom delivery, as well as practical and work experience placements.

Lecturers will provide specific instructions to their student groups on how training will be undertaken.

Semester 1, 2020

Perth (Northbridge) - On Campus

 Duration: **1 Year/s**

 When: **Semester 1, 2020**

 How: **On campus**

Units

Core

National ID	Unit Title
BSBWHS304	Participate effectively in WHS communication and consultation processes
ICTICT401	Determine and confirm client business requirements
ICTICT418	Contribute to copyright, ethics and privacy in an ICT environment
ICTWEB401	Design a website to meet technical requirements

National ID	Unit Title
ICTWEB402	Confirm accessibility of websites for people with special needs
ICTWEB403	Transfer content to a website using commercial packages
ICTWEB424	Evaluate and select a web hosting service
ICTWEB429	Create a markup language document to specification

Elective

National ID	Unit Title
ICTDBS403	Create basic databases
ICTWEB405	Monitor traffic and compile website traffic reports
ICTWEB408	Ensure basic website security
ICTWEB410	Apply web authoring tool to convert client data for websites
ICTWEB411	Produce basic client-side script for dynamic web pages
ICTWEB413	Optimise search engines
ICTWEB414	Design simple web page layouts
ICTWEB417	Integrate social web technologies
ICTWEB418	Use development software and ICT tools to build a basic website
ICTWEB422	Ensure website access and useability
ICTWEB423	Ensure dynamic website security
ICTWEB425	Apply structured query language to extract and manipulate data
ICTWEB430	Produce server-side script for dynamic web pages
ICTWEB431	Create and style simple markup language documents

Entrance requirements

School Leaver	Non-School Leaver	AQF
C Grades in Year 11 WACE General English, and OLNA or NAPLAN 9 Band 8	C Grades in Year 11 English and Maths or equivalent	Certificate II or Certificate III

Job opportunities



[Web Administrator](#) | [Web Master](#) [Web Designer](#)

Other job titles may include:

- Assistant Webmaster
- Assistant Web Designer
- Web Support Administrator
- Website Administrator
- Website Coordinator

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

Important information

Other costs for consideration:

- External Hard-drive (approx. \$50)
- USB 2.0 (minimum) with at least 100GB storage

Typical timetable:

- Face-to-face delivery requires 3 days per week plus Student Lab Time
- Online delivery requires one Online Class Session with Lecturer/other students per week around existing contact

Fees and charges

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.



**North
Metropolitan**

*We're working for
Western Australia.*

Please note, fees are subject to change.



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